

# INVEST IN SUSTAINABLE MOBILITY

EUROFIMA European Company for the Financing of Railroad Rolling Stock  
June 2025

**EUROFIMA**   
ROLLING STOCK FINANCING

INVEST IN  
**SUSTAINABLE**  
MOBILITY



## POSITIVE IMPACT ON THE RAILWAY SECTOR

Financing railway bodies  
in our 25 member states  
since 1956

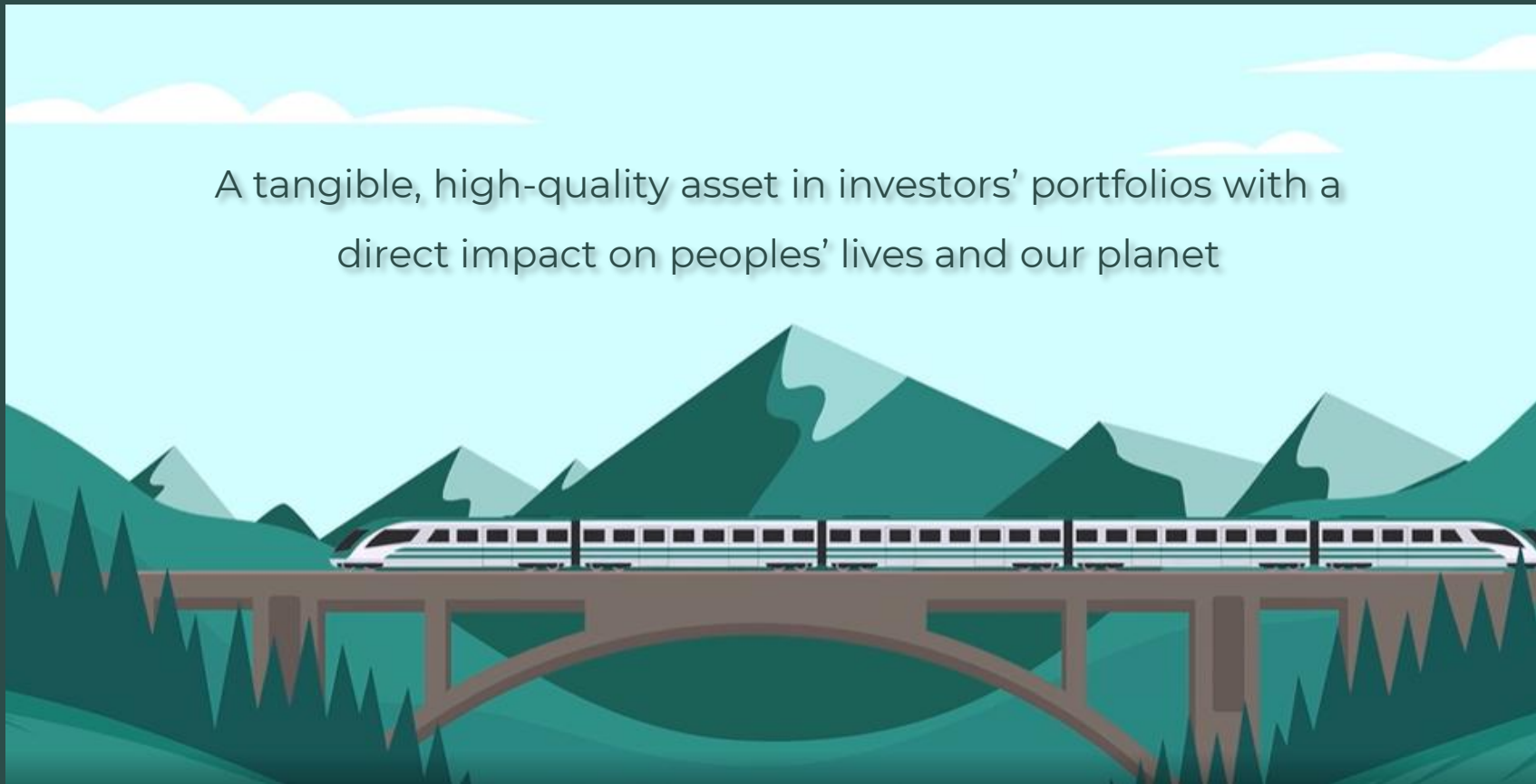


# FINANCING PUBLIC PASSENGER RAIL TRANSPORTATION

  November 2020 CHF 158m 8 years	  December 2020 CHF 107m 5 years	  December 2020 EUR 250m 4 years	  April 2021 EUR 250m 20 years	  June 2021 EUR 24m 14 years	  June 2021 CHF 160m 9 years	  June 2021 CHF 140m 7 years	  December 2021 EUR 86m 7 years	  December 2021 CHF 200m 10 years	  June 2022 EUR 160m 12 years
  November 2022 EUR 125m 9 years	  November 2022 EUR 305m 9 years	  November 2022 CHF 200m 12 years	  February 2023 EUR 31m 15 years	  March 2023 EUR 128m 11 years	  March 2023 CZK 6'903m 10 years	  April 2023 CHF 111m 11 years	  May 2023 EUR 70m 10 years	  June 2023 EUR 100m 10 years	  July 2023 EUR 50m 1 year
  September 2023 EUR 2m 7 years	  October 2023 EUR 50m 7 years	  November 2023 EUR 110m 9 years	  December 2023 EUR 15m 8 years	  February 2024 EUR 114m 7 years	  May 2024 EUR 61m 12 years	  November 2024 CZK 4'543m 10 years	  December 2024 EUR 24m 15 years	  December 2024 EUR 280m 10 years	  May 2025 EUR 400m 15 years

## BUILDING A BRIDGE BETWEEN INVESTORS AND RAILWAY OPERATORS

A tangible, high-quality asset in investors' portfolios with a direct impact on peoples' lives and our planet



## REFLECTING OUR HIGH-QUALITY ISSUER PROFILE

---

# #1

Sound  
loan book

---

EUR 9.2bn

AAA	AA-BBB	<BBB
3.0bn	6.2bn	0.0bn

Fully collateralized  
0% loan losses  
Preferred creditor status

---

# #2

Strong financial  
risk profile

---

Sovereign guarantees  
Strong liquidity profile

Equity	Callable capital
EUR 1.6bn	EUR 1.9bn

---

# #3

Top credit  
ratings

---

AA	Aa2	AA
stable	stable	stable

S&P Global  
Ratings

FitchRatings

MOODY'S  
INVESTORS SERVICE

## BORROWING IS BASED ON THREE PILLARS

### Euro Green Curve



**6.0bn**

Outstanding EUR equiv.

### Diversification



**4.8bn**

Outstanding EUR equiv.

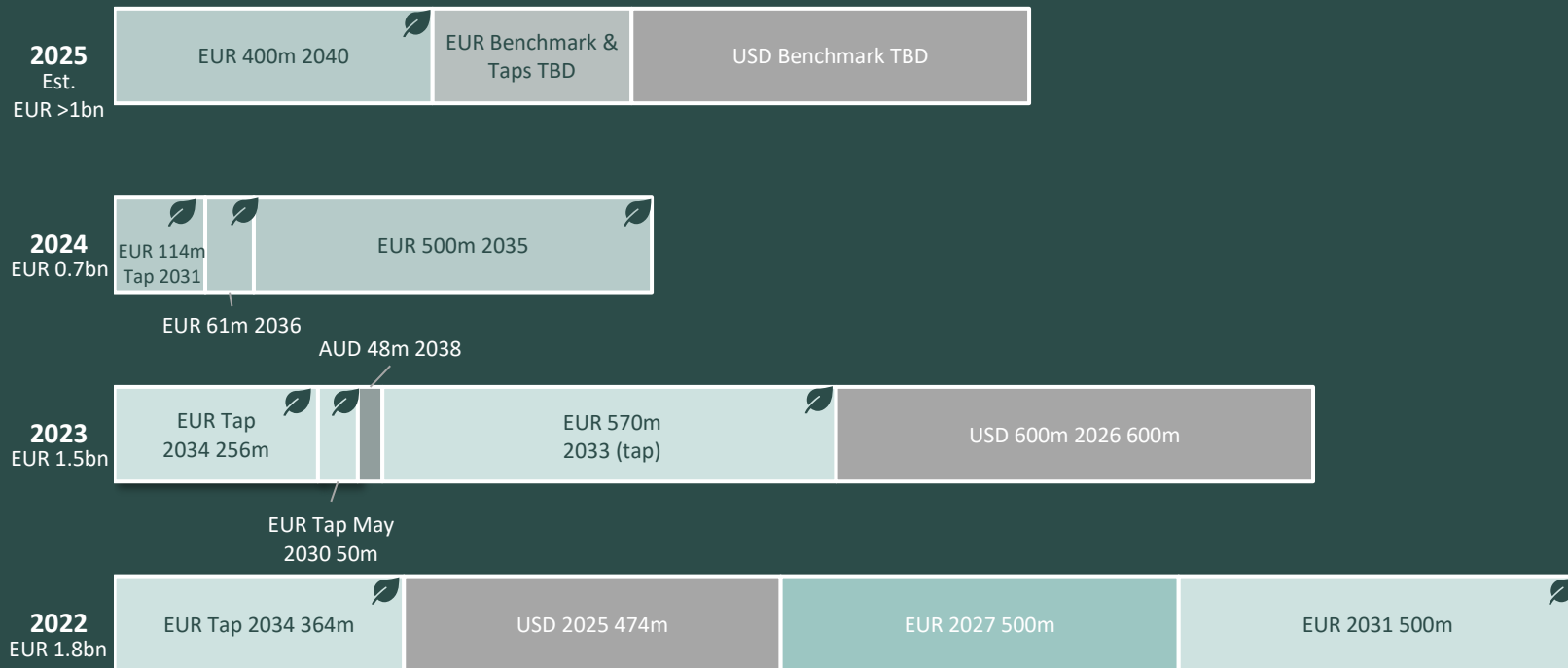
### Commercial paper



**1.7bn**

Outstanding EUR equiv.

# RAILWAY OPERATORS' DEMAND IS DRIVING FUNDING ACTIVITIES



# OPERATING AS A HOLISTIC SUSTAINABLE ORGANIZATION



Sustainable and public mission



Sustainable and top-credit issuer



Sustainable and responsible investor





# GREEN BOND FRAMEWORK – 2025 UPDATE

## 1. Use of Proceeds

- Clean Transportation
  1. Interurban Passenger
  2. Urban Passenger
  3. PSO Freight
- Type of power: electric, hydrogen, battery, hybrid



Climate  
change  
mitigation



## 2. Process for Project evaluation and selection

- Identification of Green eligible loans
  1. Borrower screening
  2. Green methodology
  3. Sustainability committee
- “C” level approval of selection and allocation
- Board of Directors notification



## 3. Management of Proceeds

- Net proceeds are earmarked against eligible Green assets
- Proceeds not allocated are invested according to EUROFIMA’s liquidity policy



## 4. Reporting

- Latest one year after issuance & as long as outstanding
  1. Allocated amounts
  2. Brief description of projects
  3. Expected environmental Impact
  4. Social benefits
- Audit of allocation report



## 5. External Reviewer

- Limited assurance report of the allocation of proceeds to the Green projects
- Second Party Opinion (pre-issuance) provided by S&P Global Ratings

**S&P Global**  
Ratings

# GREEN BOND FRAMEWORK – ELIGIBLE ROLLING STOCK

Passenger  
transport

Locomotives



Multiple Unit



Coaches



Urban  
Passenger  
Transport

Light Rail Vehicle (LRV)



Trams (Streetcars)



Metro (Subway)



Freight  
Transport

Locomotives



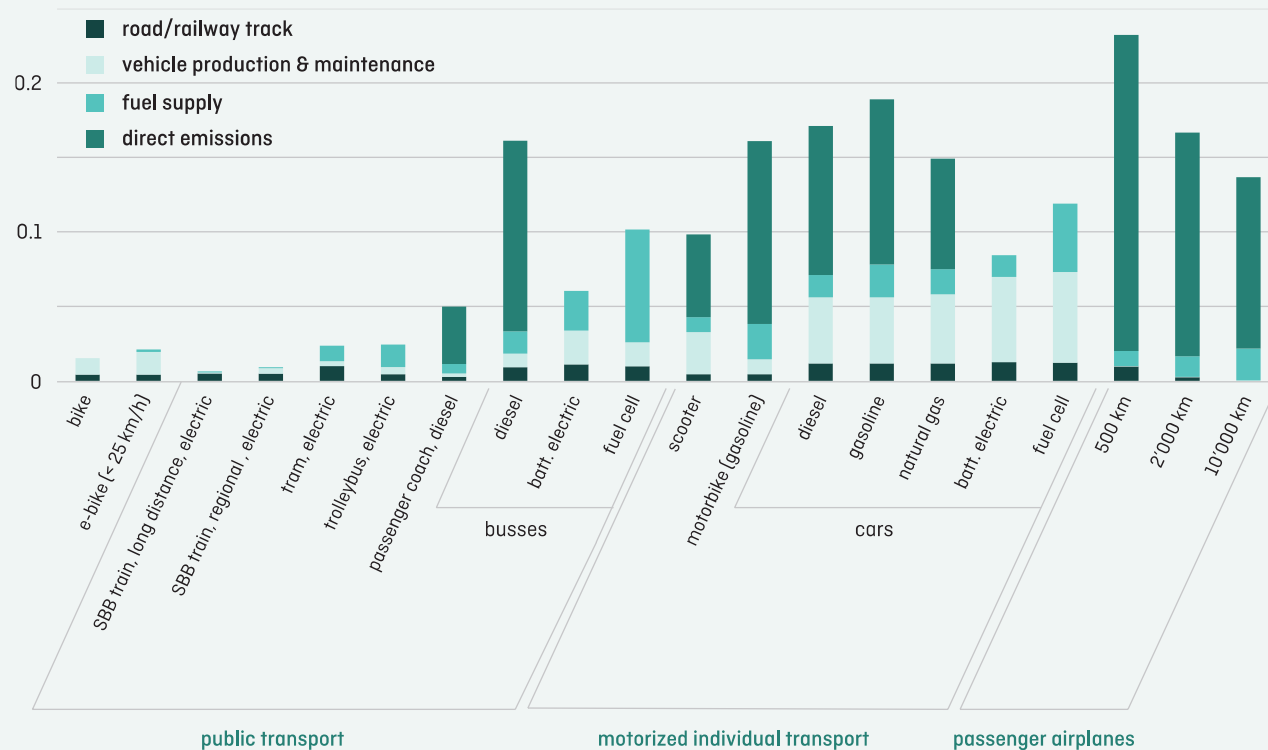
Multiple Unit Freight



Wagons



# LIFE CYCLE GREENHOUSE GAS EMISSIONS



## TAKING ACTION ON ESG MATTERS



sustaining the **E**nvironment

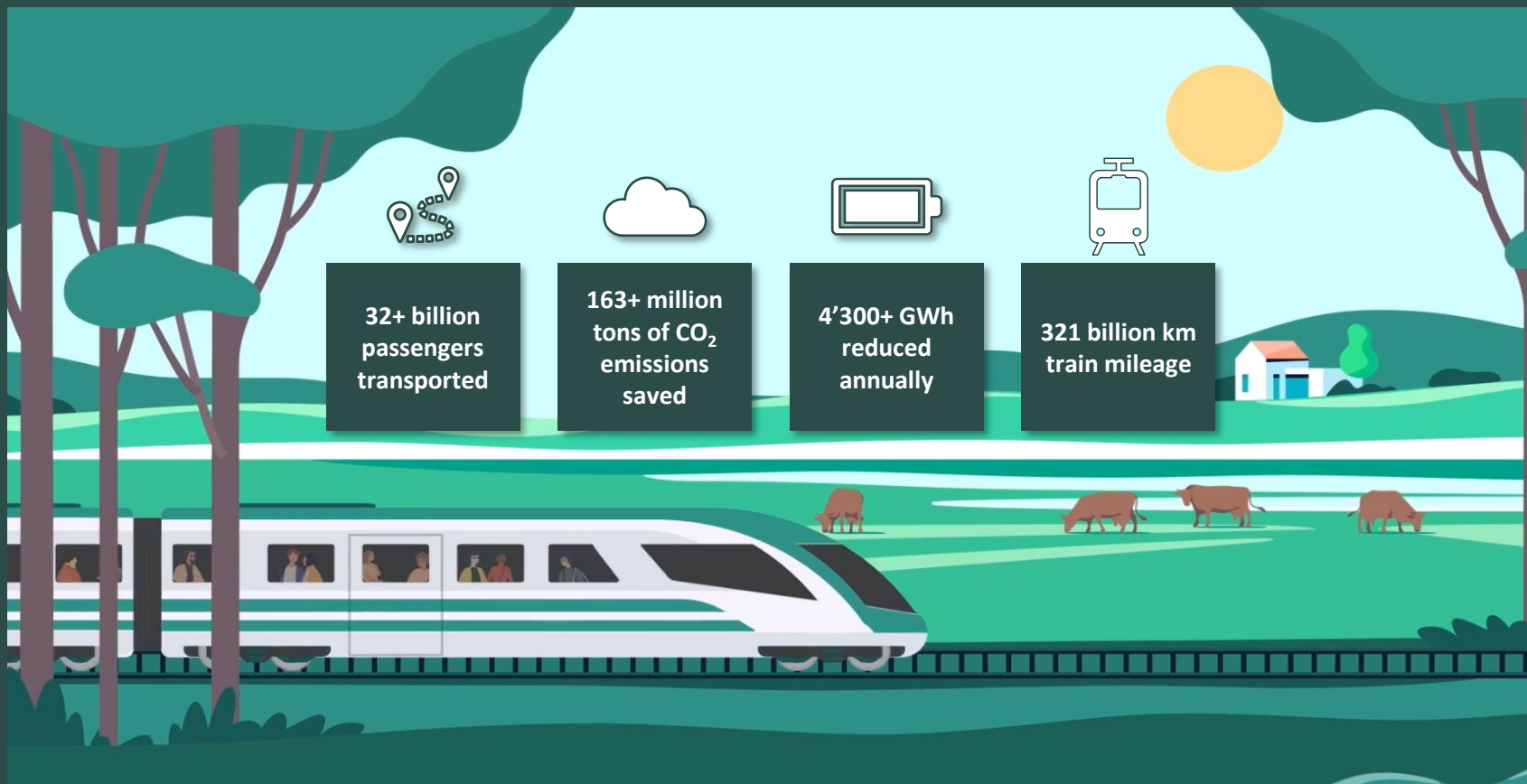


mobilizing **S**ocial cohesion



leading **G**overnance transformation

# CREATING SOCIAL AND ENVIRONMENTAL IMPACT



# Invest in sustainable mobility



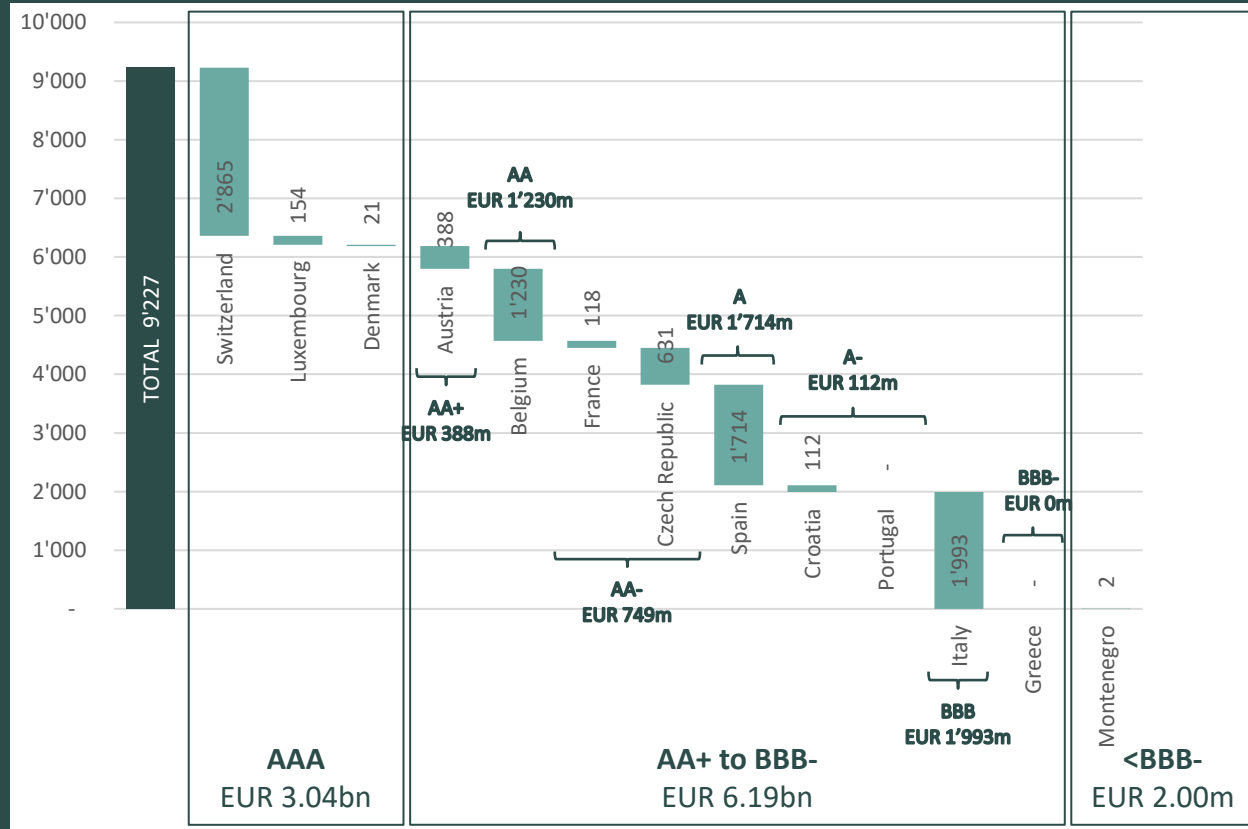
## **APPENDIX**

# GUARANTEE STRUCTURE





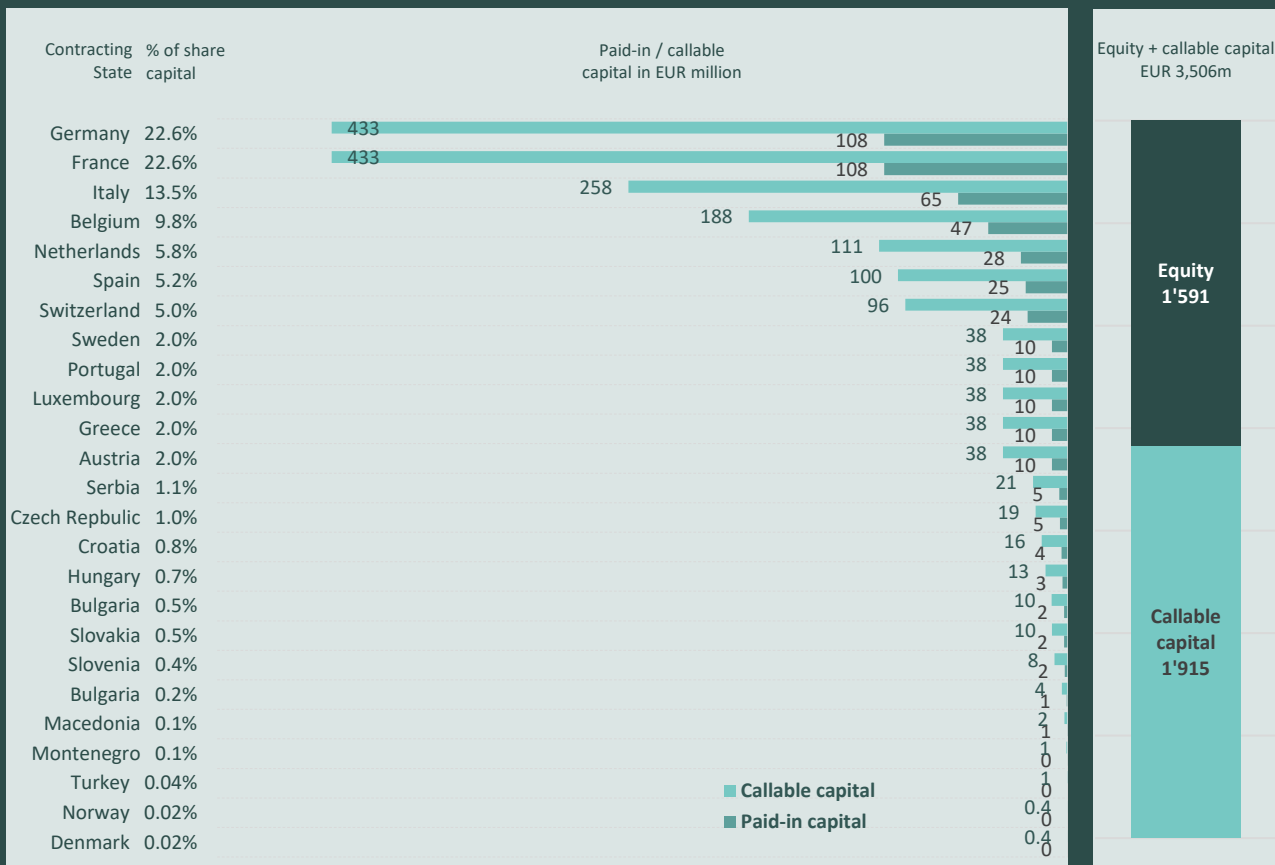
# LOAN BOOK



Exposure to shareholder railways from contracting states with **non-investment grade** ratings represents < **0.1%** of the total loan book

Contracting state rating	Loan book share
AAA	32.95%
AA+ to BBB-	67.03%
<BBB-	0.02%

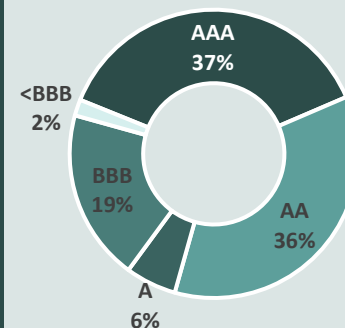
# CAPITAL STRUCTURE



## Equity composition



## Quality of callable capital



# INVESTMENT MANAGEMENT OVERVIEW

## Global portfolio characteristics:

- All portfolios are aligned to their purposes and the corresponding funding source;
- Fixed income investments only;
- Active investment management approach;
- Global limits on interest rate risk and credit risk under the Basel III risk-weighted asset framework;
- Foreign exchange risks are fully hedged;
- Inclusion of ESG considerations.

**Overall Balance Sheet**  
(EUR 16.5bn)

Assets	Liabilities
Cash & Investments (EUR 5.5bn)	Borrowings (EUR 13.0bn)
Outstanding Loans (EUR 9.6bn)	Equity (EUR 1.6bn)
Other (EUR 1.4bn)	Other (EUR 1.9bn)

**Balance Sheet of Treasury Activities**  
(EUR 5bn)

Assets	Liabilities
Cash & Investments	Equity Funded
	Funded in Debt Capital Markets
	Collateral from Derivatives

# FUNDED LIQUIDITY PORTFOLIO

## Source of funds

- EUROFIMA bond issuance and Commerical Paper funded

## Investment strategy

- Guarantee EUROFIMA's liquidity at all times
- Fulfilment of internal and external liquidity requirements
- Short-term horizon, high quality investments

## Portfolio investments

- Focus on CHF and EUR domestic deposit market
- Opportunistic investments in USD, JPY, SEK and other currencies

## Funded Liquidity Portfolio (EUR 2.5bn)

### Assets

#### Instruments

Cash, Money Market instruments, Deposits

#### Currencies

EUR, CHF, other

#### Duration

Short-term

#### Minimum Rating

A-1 / P-1

### Liabilities

#### Instruments

Commercial Papers, Bonds

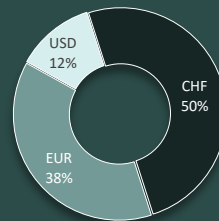
#### Currencies

EUR, USD

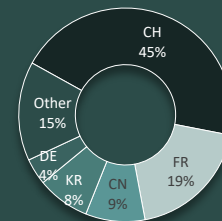
#### Duration

Short-term and mid-term

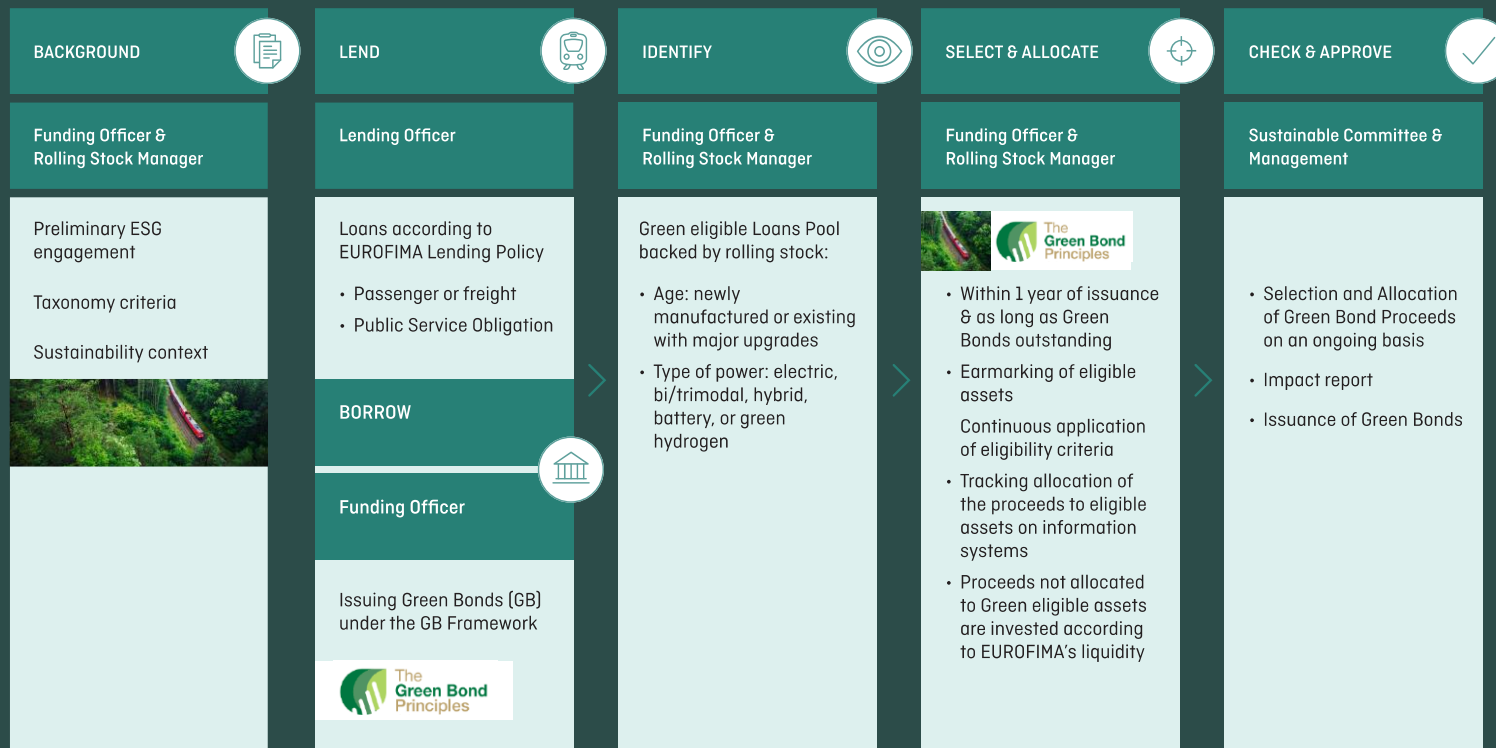
### Investments by Currency



### Investments by Country



# GREEN BOND FRAMEWORK – PROJECT WORKFLOW



# GREEN BOND FRAMEWORK – FUEL TYPES

Fuel Types	Overhead Electric	Battery	Diesel*	HVO*	Hydrogen [Green]*
Fully Electric	✓				
Battery + Electric	✓	✓			
Green Hydrogen*					✓
Green Hydrogen + Battery*		✓			✓
Diesel + Electric*	✓		✓		
Diesel + Electric + Battery*	✓	✓	✓		
HVO + Electric*	✓			✓	
HVO + Electric + Battery*	✓	✓		✓	

Fuel Types	Tailpipe Emissions	Well-to-Wheel CO <sub>2</sub>	Fossil-Free?
Fully Electric	⊗	⚠ Depends on grid	✓
Battery + Electric	⊗	Low	✓
Green Hydrogen*	⊗	Low (if green H <sub>2</sub> )	✓
Green Hydrogen + Battery*	⊗	Very Low	✓
Diesel + Electric*	✓ [diesel]	High	Partially (when running electrified tracks)
Diesel + Electric + Battery*	✓ [diesel]	Medium-High	Partially (when running electrified tracks)
HVO + Electric*	✓ (lower than diesel)	Medium-Low	Partially (when running electrified tracks)
HVO + Electric + Battery*	✓ (lower than diesel)	Lower	Partially (when running electrified tracks)

# EU TAXONOMY APPROACH

## Public Reporting



- ✓ Assessing disclosures & reporting
- ✓ First study conducted in 2023

## Regulations



- ✓ Checking standards & regulations
- ✓ EU interoperability for rolling stock

## Screening & Engagement



- ✓ Formal engagement with borrower
- ✓ Taxonomy screening & alignment assessment

## Future Transition



- Sharing best practices to foster compliance
- Assisting & monitoring compliance

## CASE STUDY – 2025 GREEN BOND (1/2)

### New financing of existing regional trains in Italy

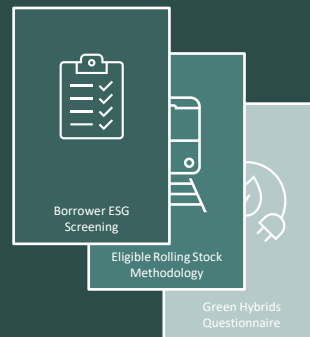
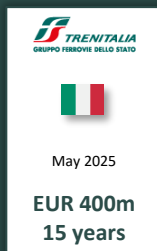
Railway operator			
Train type	Hybrid Multiple units (Tri-mode)	Formation Loco Coaches	Electrical Multiple units
Number of trains	12 units, 4-car each	65 coaches, 16 locos	16 units, 5-car each
Manufacturer & model	Hitachi, HTR 412 & 312 Blues	Hitachi: Vivalto CDPTR/Alstom: E464	Alstom, ETR 425 Jazz
Capacity	468/347	860 (Loco + 5 coaches)	467
Energy consumption (Average EU Car 0.37 MJ/S*Km)	0.12/0.14 MJ/S*km	0.06 MJ/S*km	0.07 MJ/S*km
Pollutant emissions “well-to-wheel” (Average EU Car=33 g CO <sub>2</sub> /S *Km)	8.49/9.46 g CO <sub>2</sub> /S*km	3.47 g CO <sub>2</sub> /S*km	3.95 g CO <sub>2</sub> /S*km
Average age of the trains	1 years old	11.4 years old	9.7 years old
Illustrations			

### Railway profile

- Largest provider of sustainable mobility solutions in Italy
- 500 ML passengers transported every year
- Committed to reduce the emissions by 50% in 2030 and achieved carbon neutrality by 2040



## CASE STUDY – 2025 GREEN BOND (2/2)



# GREEN & CONVENTIONAL COLLATERAL – OUTLOOK



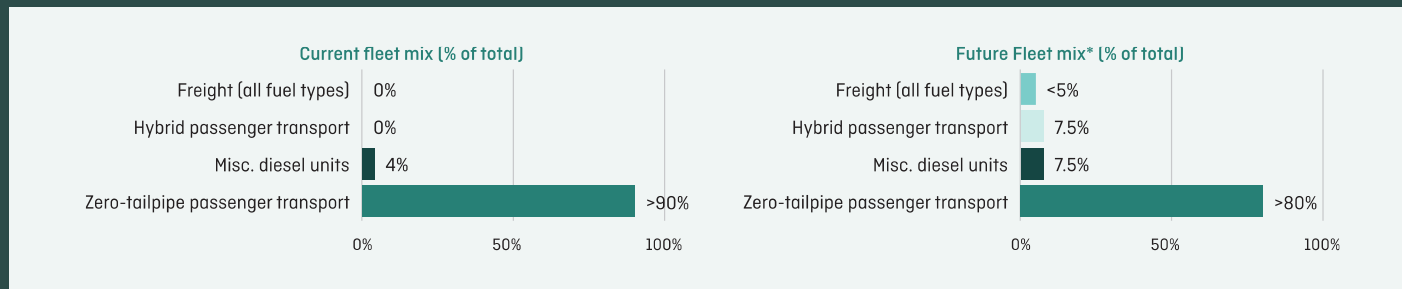
100% Public Transport and  
>90% zero-tailpipe emissions vehicles



Less than 5% diesel units



Future growth in Freight,  
Light Rail, Trams & Metros



# PRINCIPAL ADVERSE IMPACT (PAI) INDICATORS (1/2)

Adverse Sustainability indicator		Metric	2023	2022	2021	Unit	Comment
CLIMATE AND OTHER ENVIRONMENT-RELATED INDICATORS							
GHG Emissions		Scope 1 GHG emissions	0	0	0	tCO2eq	Further elaboration on sources of emissions is given in the <a href="#">Sustainability Report 2023 pp.35.</a>
		Scope 2 GHG emissions	19	19	42		
		Scope 3 GHG emissions	300'492	277'559	252'920		
		Total GHG emissions	300'511	277'578	252'962		
		GHG intensity	7'106	10'657	6'867	tCO2eq/\$m revenues	EUROFIMA's carbon intensity is calculated by dividing the annual CO <sub>2</sub> equivalent emissions by annual revenues in USD equivalent (t.CO <sub>2</sub> eq./MUSD m. revenues).
GHG emissions	Fossil fuel	Active in the fossil fuel sector as defined in Article 2, point (62), of Regulation (EU) 2018/1999 of the European Parliament and Council		NO		YES/NO	EUROFIMA finances passenger rail transportation only and does partake in any economic activity in the fossil fuel sector.
	Share of non-renewable energy consumption	Non-Renewable Energy as a percentage of total energy	23%	79%	99%	%	In January 2022, EUROFIMA moved to a more modern and energy-efficient office. While electricity has been, in the period of measure, always taken from 100% renewable energy sources, not only has heating consumption dropped drastically, but the source has changed from 100% natural gas to tele-heating, generated by incinerating a mix of fuel (municipal wastes, wood, biogas, natural gas); hence the significant improvement of the renewable sources percentage.
	Energy consumption intensity per high impact climate sector	Energy consumption - NACE (H49.10 and N77.39)	327.6	1'842.7	5'686.4	GWh/\$m revenue	-
Bio-diversity	Activities negatively affecting biodiversity-sensitive areas	Number of sites/operations located in or near to biodiversity-sensitive areas	0	0	0	Absolute value	EUROFIMA does not have any sites or activity in biodiversity sensitive areas.
Water	Emissions to water	Tonnes of emissions to water generated	0	0	0	Absolute value	EUROFIMA does not have any emissions to water.
Waste	Hazardous Waste Ratio	Tonnes of hazardous waste and radioactive waste generated	0	0	0	Absolute value	EUROFIMA does not generate hazardous waste.

## PRINCIPAL ADVERSE IMPACT (PAI) INDICATORS (2/2)

Adverse Sustainability indicator		Metric	2023	2022	2021	Unit	Comment
INDICATORS FOR SOCIAL AND EMPLOYEE, RESPECT FOR HUMAN RIGHTS, ANTI-CORRUPTION AND ANTI-BRIBERY MATTERS							
Social and Employee Matters	Violations of UN Global Compact principles and Organisation for Economic Cooperation and Development (OECD) Guidelines for Multinationals	Case of violations of UNGC and OECD Guidelines for Multinational Enterprises?	NO	NO	NO	YES/NO	In May 2021, EUROFIMA became an official signatory of the UN Global Compact. EUROFIMA is committed to the UN Global Compact and is upholding each of the ten principles. The latest communication of Progress can be found <a href="#">here</a> .
	Policies and processes in place to monitor compliance with UN Global Compact principles and OECD Guidelines for Multinational Enterprises			YES		YES/NO	Examples of these include: the Code of Conduct, Staff Regulations, Supplier Code of Conduct, Environmental and Social Policy, and the Big Opportunity Statement. The latest communication of Progress can be found <a href="#">here</a> .
	Unadjusted Gender Pay Gap		23	31	-	%	The identified gender pay gap is not a result of unequal pay. Rather, it is the result of the higher proportion of men in senior roles, especially at the senior management level. Excluding senior management compensation, the mean pay gap on the total compensation would only amount to 12% (2022: 19%). EUROFIMA is striving to further reduce the gender pay gap in the future and to ensure equal pay within the organization
	Board Gender Diversity	% Women on Board	27.3	-	-	%	
	Controversial Weapon	Exposure to controversial weapons		NO		YES/NO	EUROFIMA has no exposure to weapons.

# LINKS AND REFERENCES

Convention: [FRENCH](#), [GERMAN](#) and [ENGLISH](#) (translation)

Statutes: [FRENCH](#), [GERMAN](#) and [ENGLISH](#) (translation)

Basic Agreements: [FRENCH](#), [GERMAN](#) and [ENGLISH](#) (translation)

Annual Reports: [2024](#), [2023](#), [2022](#), [2021](#), [archives](#)

Allocation & Impact Reports: [2025](#), [2024](#), [2023](#), [2022](#), [2021](#) (Impact), [2021](#) (Allocation), [archive](#)

Credit Ratings: [S&P](#), [Moody's](#), [Fitch](#), [archives](#)

ESG Ratings: [Sustainalytics](#), [ISS ESG](#), [MSCI ESG](#), [Luxembourg Green Exchange status](#)

Sustainability Reports: [Overview](#), [2024](#), [2023](#), [2022](#)

Legal Documentations: [EMTN](#), [ECP](#)

Green Bonds:: [Green Bond Framework](#), [Second-Party Opinion](#), [Green Bond Principles](#)



[www.eurofima.org](http://www.eurofima.org)

# CONTACTS FOR INVESTOR RELATIONS



**Aurélia Gerber**

*Head for Capital Markets and Treasury*

+41 61 287 3361

[aurelia.gerber@eurofima.org](mailto:aurelia.gerber@eurofima.org)

Aurélia is a Senior Funding Officer in the Capital Markets Department at EUROFIMA since April 2017. With 20 years in Institutional Asset Management, she was responsible for the management of products in fixed income, money market, equity, balanced, alternative and emerging markets. She held Analyst position at HSBC Asset Management London and Senior Portfolio Manager positions at Bawag Invest, Bank J. Safra Sarasin and responsAbility.

Aurélia is French. She holds both an MBA from Queen's University Canada and a Master's degree in Management & Finance from Lyon Graduate School of Business and is a CFA charterholder.



**Nofal Shehzad**

*Funding Officer*

+41 61 287 3347

[nofal.shehzad@eurofima.org](mailto:nofal.shehzad@eurofima.org)

Nofal joined EUROFIMA in 2023 as a Funding Officer in the Capital Markets Department. He is responsible for funding and lending operations, as well as investor relations activities. Having previously been in the investment banking industry, he has experience working in Global Markets, Credit Research, and Debt Capital Markets divisions.

Nofal is British and studied at the University of Sussex. He holds both a Bachelor's degree in Computer Engineering and a Master's degree in Banking & Finance.



**Adrien Boisard**

*Funding Officer*

+41 61 287 3348

[adrien.boisard@eurofima.org](mailto:adrien.boisard@eurofima.org)

Adrien joined EUROFIMA in November 2023 as a Funding Officer in the Capital Markets Department. He is responsible for funding, lending and investor relations operations. He had been working in various Asset Finance departments in the banking sector. He had a particular focus on rolling-stock financing in Continental Europe markets at Crédit Agricole CIB.

Adrien is French. He holds a Master's degree in Corporate Finance from Neoma Business School.

EUROFIMA European Company for the Financing of Railroad Rolling Stock | Meret Oppenheim Platz 1 C | 4053 Basel - Switzerland | [www.eurofima.org](http://www.eurofima.org) 

# DISCLAIMER

*The information contained in this presentation is not for release, publication or distribution in or into any jurisdiction where the communication of such information is restricted by law. Users of this presentation are requested to inform themselves about and to observe any such restrictions.*

*The content of this presentation is for information purposes only. It does not constitute an offer of, or an invitation to subscribe to or to purchase securities, nor any investment advice or services. The information is not meant to serve as a basis for any kind of obligation, contractual or otherwise.*

*Investing in securities carries risks. Readers of the presentations are cautioned not to base investment decisions or other decisions on this presentation.*

*Any investment decisions must only be made on the basis of the information memorandum and/or prospectus published in accordance with applicable law. Financial intermediaries who recommend investments in securities issued by EUROFIMA should ensure that the investors understand the risks attached to such investments. Investors must consult their investment advisers or other advisers prior to making any investment decisions.*